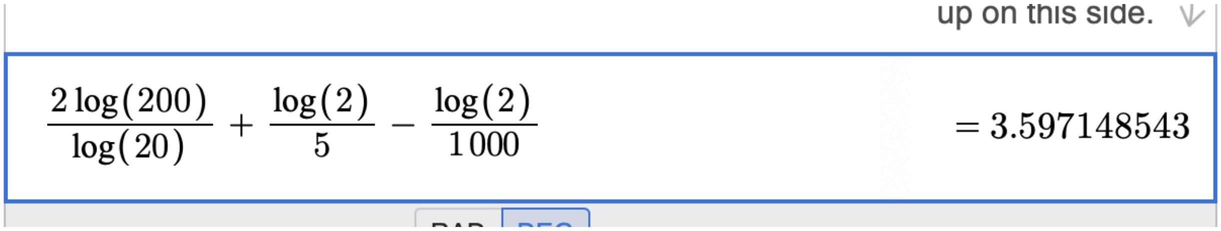
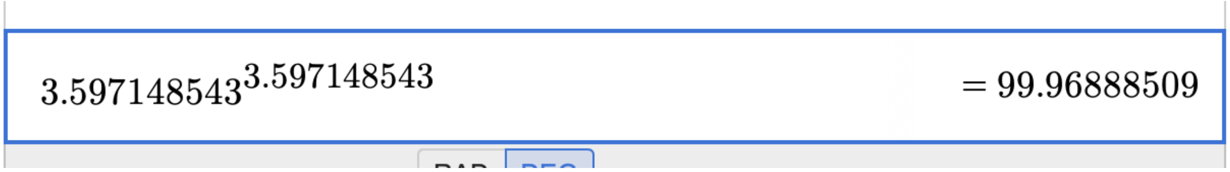
# Logarithms for Estimation and Extension

by Thomas Tim Halley

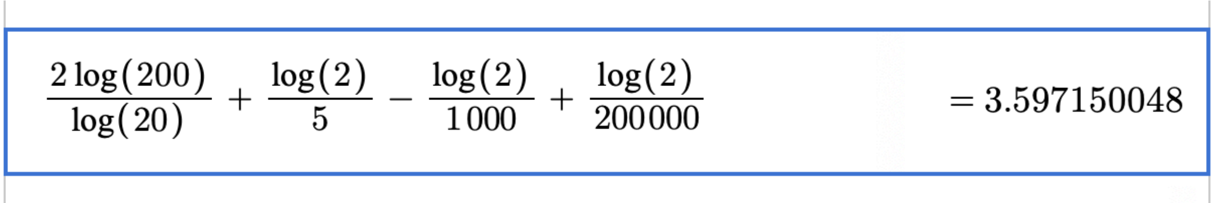
Through my handwritten note (1.12), as understood from archive.org citation, I have determined a consistent look for $x^{x} = 100,\ to\ define\ \overline{x}$ . There are consistent modern mathematicians who break into greater compositions of logarithms and determine their extension of numeracy fluidly to better partition ratios. Through complex variables, there are alternating functions, as the one I described and designed myself, for the analysis of computer software and its parent technologies for economical diagrams and other uses of physical measure.



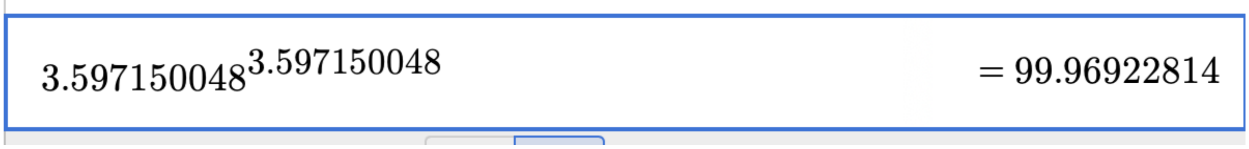
$$\frac{2\log(200)}{\log(20)} + \frac{\log(2)}{5} - \frac{\log(2)}{1000} = 3.597148543$$



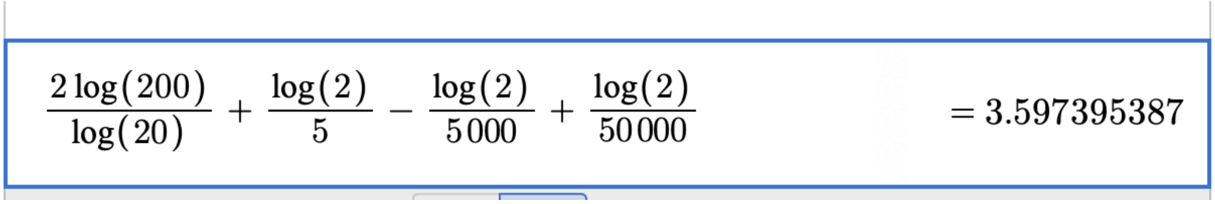
$$3.597148543^{3.597148543} = 99.96888509$$



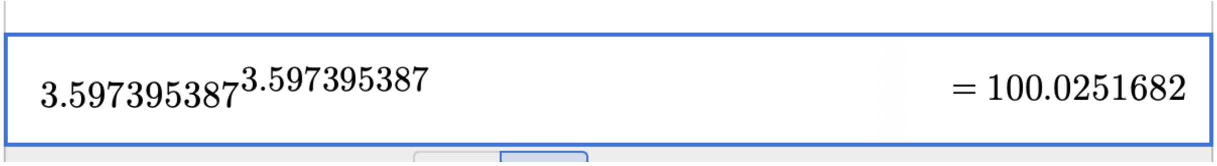
$$\frac{2\log(200)}{\log(20)} + \frac{\log(2)}{5} - \frac{\log(2)}{1000} + \frac{\log(2)}{200000} = 3.597150048$$



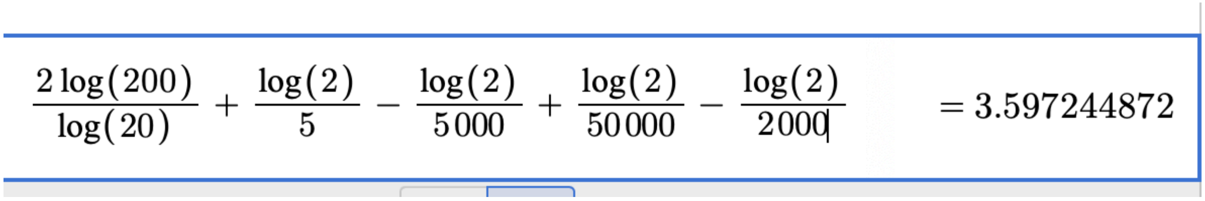
$$3.597150048^{3.597150048} = 99.96922814$$



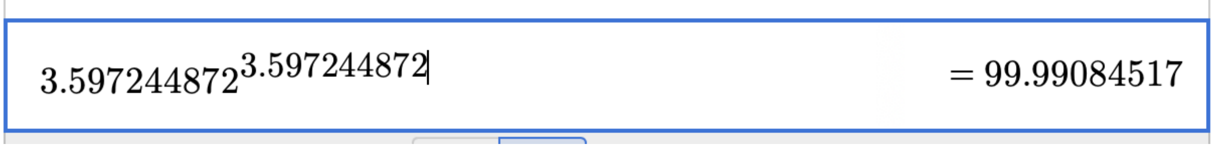
$$\frac{2\log(200)}{\log(20)} + \frac{\log(2)}{5} - \frac{\log(2)}{5000} + \frac{\log(2)}{50000} = 3.597395387$$



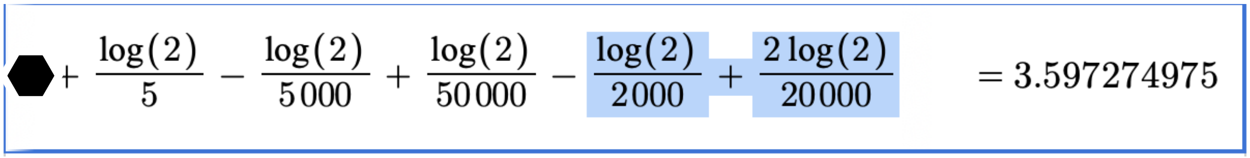
$$3.597395387^{3.597395387} = 100.0251682$$



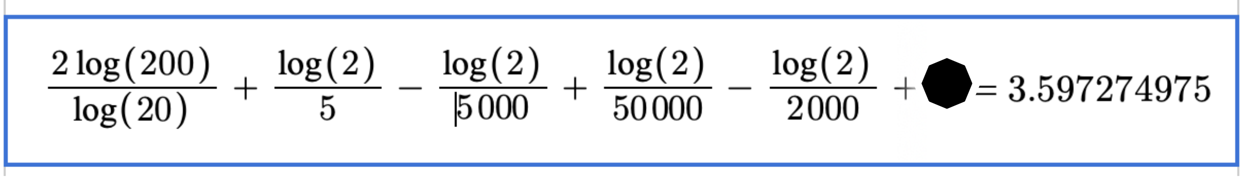
$$\frac{2\log(200)}{\log(20)}+\frac{\log(2)}{5}-\frac{\log(2)}{5000}+\frac{\log(2)}{50000}-\frac{\log(2)}{2000} = 3.597244872$$



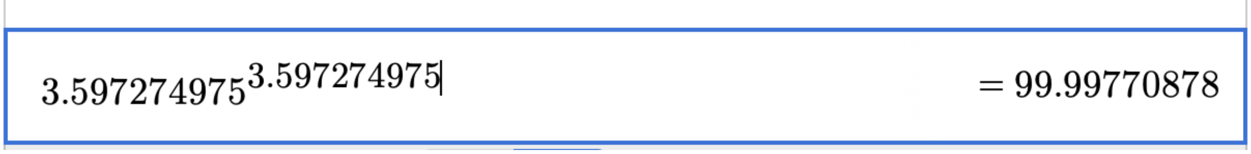
$$3.597244872^{3.597244872} = 99.99084517$$



⬢ $+\frac{\log(2)}{5}-\frac{\log(2)}{5000}+\frac{\log(2)}{50000}-\frac{\log(2)}{2000}+\frac{2\log(2)}{20000} = 3.597274975$



$\frac{2\log(200)}{\log(20)}+\frac{\log(2)}{5}-\frac{\log(2)}{5000}+\frac{\log(2)}{50000}-\frac{\log(2)}{2000}+$ ● $= 3.597274975$

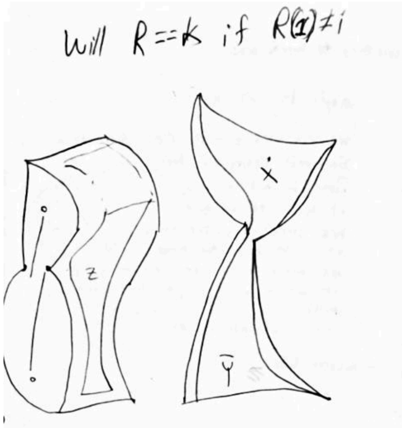


$$3.597274975^{3.597274975} = 99.99770878$$

**My question:** Why does f(X) == y if ‘x partitioned’ is not rectangular, for logs, by logs, and with logs.

**My hypothesis:** Since I found 99.99084517 || > || 99.99770878 → $\hat{y} == \hat{y},\ then\ \bar{x} = 0.0$

*The hand drawn diagram that inspired my assertion*:



Follow Through: *I conclude*: $x = y(k),\ 1 = Ri$, since R[*]⇔*.0092*

References:

[1] Desmos Scientific Calculator [Usage Date: 2024/07/23]
[2] https://archive.org/details/log-estimate [author: TTH]